

# PATENT ABSTRACTS OF JAPAN

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## (54) REPEATER FOR MOBILE COMMUNICATION

### (57)Abstract:

PURPOSE: To provide the repeater for mobile communication in which mobile communication is attained at a location where a direct radio wave is hardly reached.

CONSTITUTION: This stem is constituted of a repeater 1 relaying a radio wave of a base station and a repeater 2 relaying a radio wave of a mobile terminal equipment, the repeater 1 has a circuit 13 transmitting/receiving a radio wave with a 1st frequency used for mobile communication, a circuit 102 receiving a radio wave with a 2nd frequency different from the 1st frequency and a frequency conversion circuit 14 converting the 1st frequency into the 2nd frequency or vice versa, and the repeater 2 has a circuit transmitting/receiving a radio wave with the 2nd frequency used for mobile communication, and a circuit 103 converting the 1st frequency into the 2nd frequency or vice versa.

